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in Radiation-Discolored LiF, by Wolf von der Osten, 32
Wilhelm Waidelich, 12 pp.
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pp 244-252. 9225848
AEC-SC-T-64-1609

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Waldschmidt, Wilhelm.

THE QUESTION OF A AGBr STRUCTURAL CHANGE
IN THE FORMATION OF THE LATENT IMAGE.

7 Mar 63, 13p, 14 refs.

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63-14064

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1. AGBr 1. 1.

Trans. of Zeitschrift für Physik (West Germany) 1956,
v. 146, p. 505-514.

DESCRIPTORS: *Photographic images, *Silver com-
pounds, *Bromides, Crystal lattices, *Photographic
chemicals, Photographic film, X-ray photography,
Photography, Photographic emulsions

In the present work, a search is made with monochro-
matic X rays for signs of a B 3 structure in Debye-
Scherrer diagrams. Photographic films that were
moved along through the primary beam to avoid greater
exposure to the X rays during the Debye exposures
were used as the sample. In each case, photographs
(Materials--Photographic, TT, v. 10, no. 4) (over)

Office of Technical Service

Waldelich, Wilhelm

RELATIONSHIP BETWEEN THE STRUCTURE OF
SILVER BROMIDE GRAINS AND THE SENSITIVITY
OF PHOTOGRAPHIC EMULSIONS. [1942] 21p. (refs.
omitted).

Order from SLA \$2.00

62-10692

Trans. of Zeitschrift für Angewandte Physik (West Germany) 1953, v. 10, [no. 11] p. 528-531.

DESCRIPTORS: Film, Paper, Photographic film, Silver compounds, Bromides, Crystal structure, X-ray spectroscopy, Sensitivity.

By precision measurements of the half-value width of Debye-Scherrer Halos of photographic emulsions, the sizes of the coherent grid ranges were determined. There is a relation between the size of coherent range and sensitivity. The higher the sensitivity is, the (Material: Photographic, TT, 2, 5, no. 7) (over)

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Walner, Eugene.

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Trans. of German patent 1,134,587, H 38391 IX a/57
b, internat. cl. G 03 c, filed 15 Jan 60, appl. pub.
9 Aug 62, by Horizons, Cleveland (USA) (priority:
U. S., 16 Jan 59, 787,112).

DESCRIPTORS: Preparation, Light, Sensitivity,
Materials, *Photographic Images, Plastics, Amines,
Dyes, Halogen compounds, *Photographic chemicals.

(Materials--Photographic, TT, v. 10, no. 4)

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1 134 587
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1958, PP 157-163.

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Tsimbol'skaya. UNCL

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MLI

L. A. Wainstein

Sci-Elec
Jul 66

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TT-2-28534

Wajund, A.
NOUVELLE CONCEPTION D'UN MOTEUR ROTATIF
EN ETOILE (A New Conception of a Rotating Star
Motor). Sp. CNRS XXV 628.
Order from CTS, LITE or CNRS \$0.80 TT-62-28534

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Scientifique, Paris

Trans. in English of Archiwum Mechaniki Stosowanej
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DESCRIPTORS: *Internal combustion engines, Con-
struction, Rotation.

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For a Further Improvement in the Work of
Military Trade Enterprises, by K. Wajs,
7 pp.

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CIA D 514717

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JAPANESE, per, Tetsu to Hagane, Vol XLVIII,
No 4, 1962, pp 470-471.

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SLA TT-65-10005

Masao Takao

Sci - Chem
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Continuous Fermentation of Penicillin, by S.
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K. Masuda and Y. Kondo, 17 pp.

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PROCESS FOR MANUFACTURING ALDEHYDES BY
OXO-REACTION. Mar 64, 14p 1ref
Order from SA \$22.00 SA Code-P-268

Trans. of published Japanese patent 18466/1962,
L 16-B-51 (16-B-013) appl. 12447/1958, 6 May 58,
ab. 4 Dec 62, by Aji-no-moto Co., Ltd. (Abstract
available)

DESCRIPTORS: *Aldehydes, Manufacturing methods,
*Oxo process, *Catalysts, *Cobalt, Carbon compounds,
Monoxides.

The invention relates to a process for manufacturing
aldehydes by oxo-reaction which is characterized in
that to the metal aldehyde-containing so-called oxo-
reaction product which is obtained by reacting an
organic compound having an olefinic double bond with
(Chemistry--Organic, TT, v. 11, no. 11) (over)

TT-64-12649

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pub. 37-18466
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Y. Wakao

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NTC 72-11483-11F

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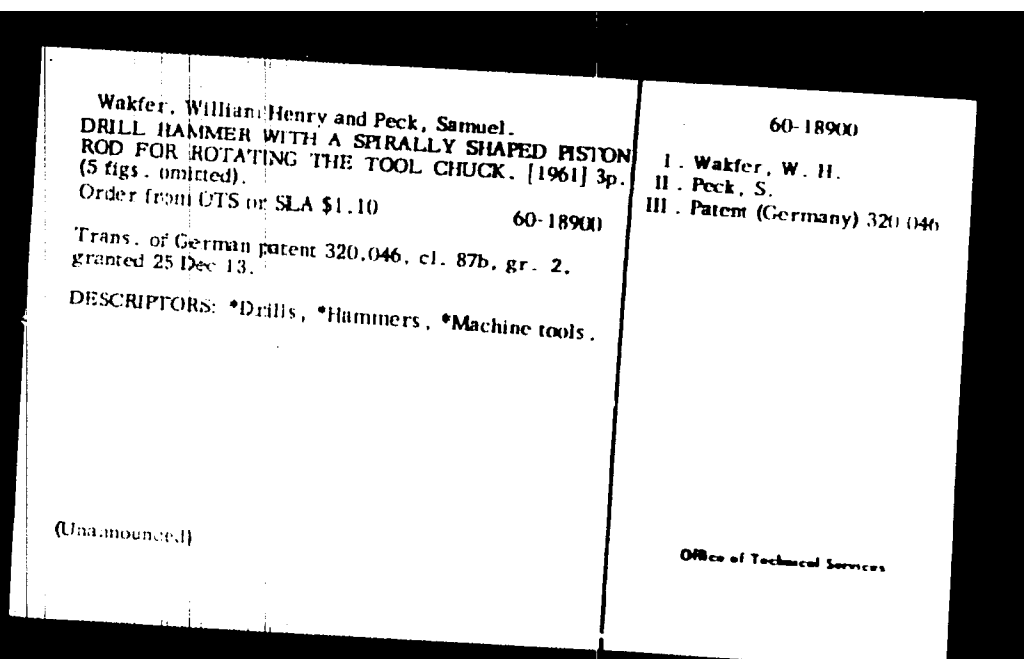
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Hirohiko Waki, 9 pp.

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Trans. in manuscript of Brennstoff-Chemie (Germany) 1930, v. 11, no. 14, p. 277-281.

DESCRIPTORS: *Peat, Chemical analysis, Organic materials, Plants, Decomposition.

(Chemistry--Analytical, TT, v. 9, no. 9)

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Determination of Optimum composition of the Stationary
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THE INFLUENCE OF THE ADDITION OF HYDRO-
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omitted) 8 refs.
Order from SLA \$1.10

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Trans. of Practical Chemistry (Poland) 1957, v. 13(36)
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DESCRIPTOR: *Phosphorites, *Flotation (Separation),
Hydrocarbons, Oleic acids, Benzene.

The influence of a series of hydrocarbons on the flo-
tation of phosphorites was studied. The hydrocarbons
were employed in the form of mixed collectors: oleic
acid-hydrocarbon. The evaluation of the flotation
ability of the mixed collectors was carried out by
direct flotation of the phosphorites in the laboratory
(Engineering-Chemical, TT, v. 10, no. 7) (over)

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H. Sczypa, J.

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Office of Technical Services

Determination of Optimum Composition of the Stationary
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Classify Two-Component Stationary Phases by Their
Electron Donor-Acceptor Characteristics. by A.
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A. WAKSMUNDZKI

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